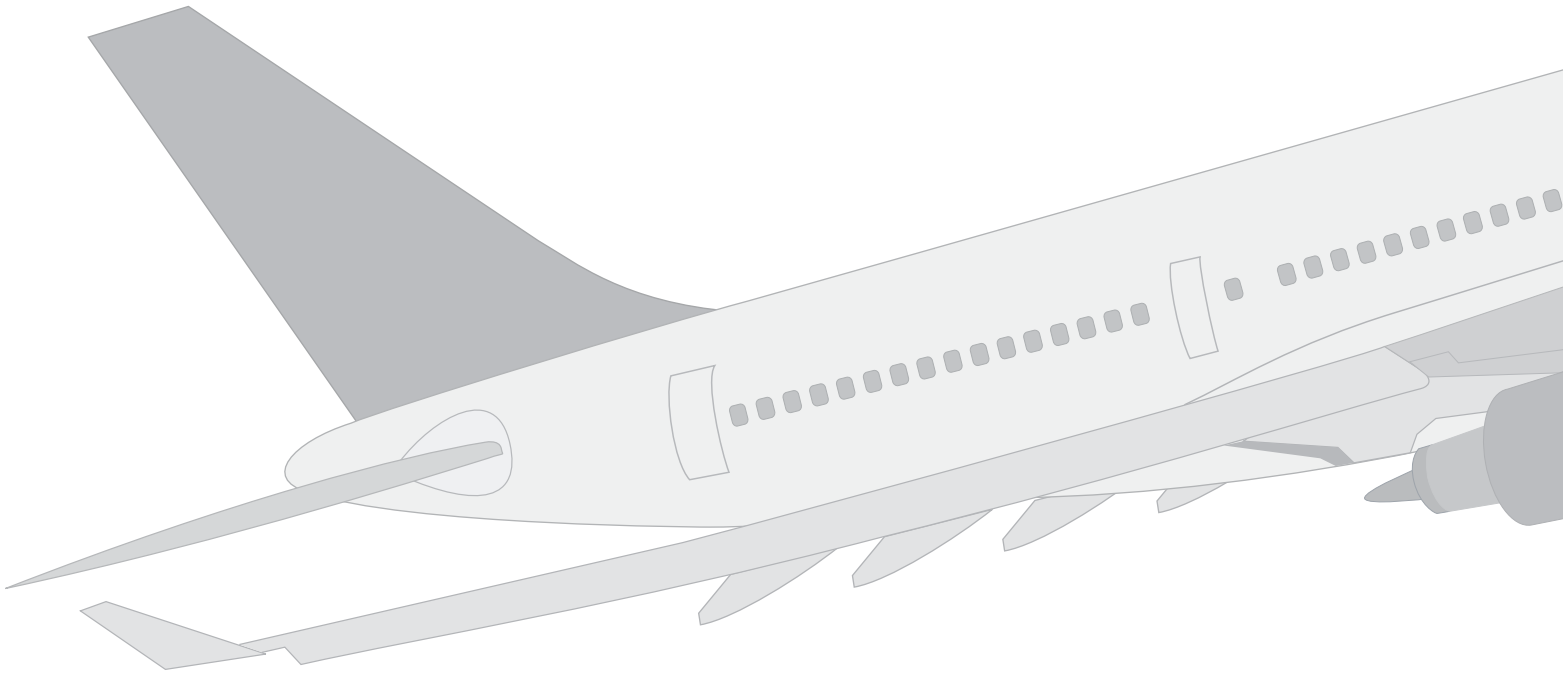


Products and Services for the Airport Industry

Habasit-Solutions in motion



The Success Factors of Airport Baggage Handling



Care

Gentle baggage handling

Reliability

No loss of baggage, no missorting

Safety

Flame retardent belts according to international standards

Automation

Little or no human involvement

Quality

Long service life of belts

Speed

Fast and on-time transfer conveying between check-in and loading

Environment

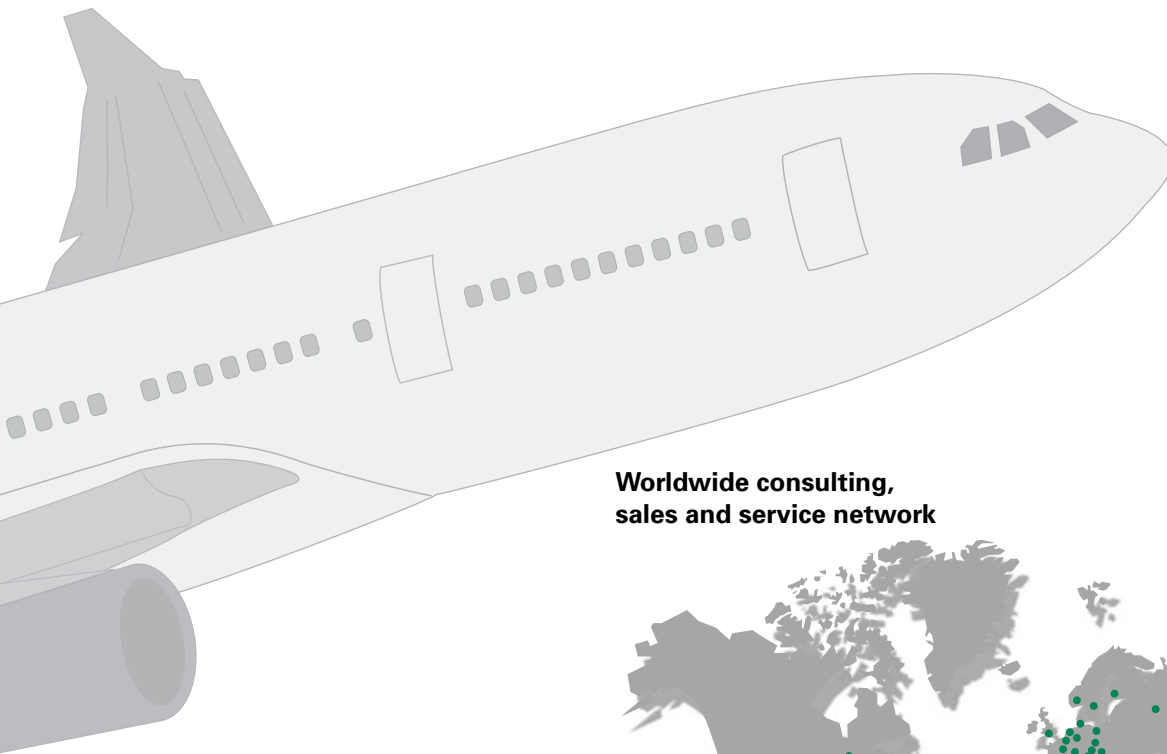
Conveyor belts for low-noise operation

Know-How

Experienced partners and specialists

Service

On-site installation with little or no downtime



**Worldwide consulting,
sales and service network**



In more than 70 countries, Habasit technicians, joining/installing specialists, application specialists, engineers, and our sales and service organization are at your disposal.

**Habasit conveyor belts:
First class service and consulting
included worldwide**

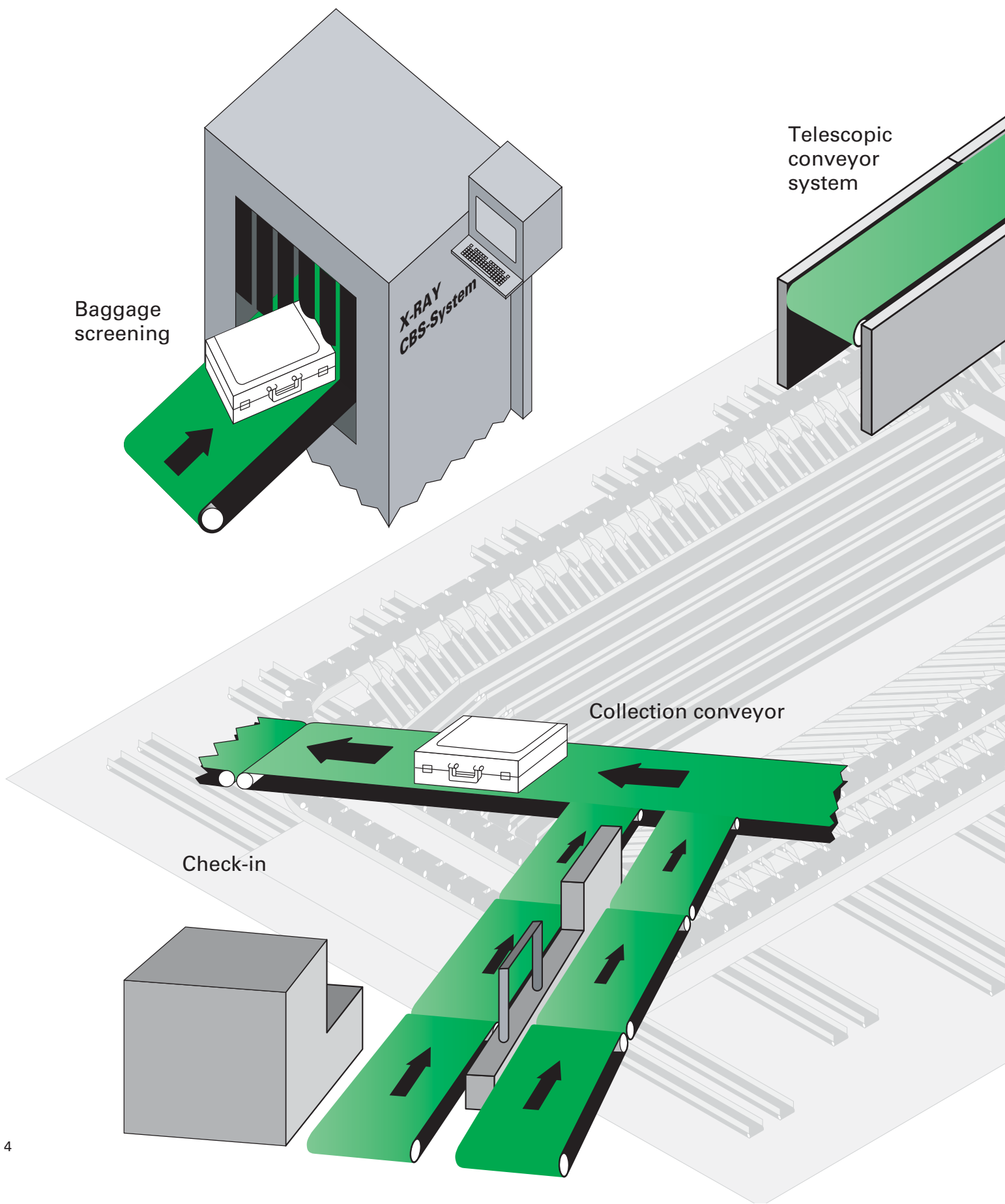
**Know-how and experience are key in professional consulting
and in handling large projects**

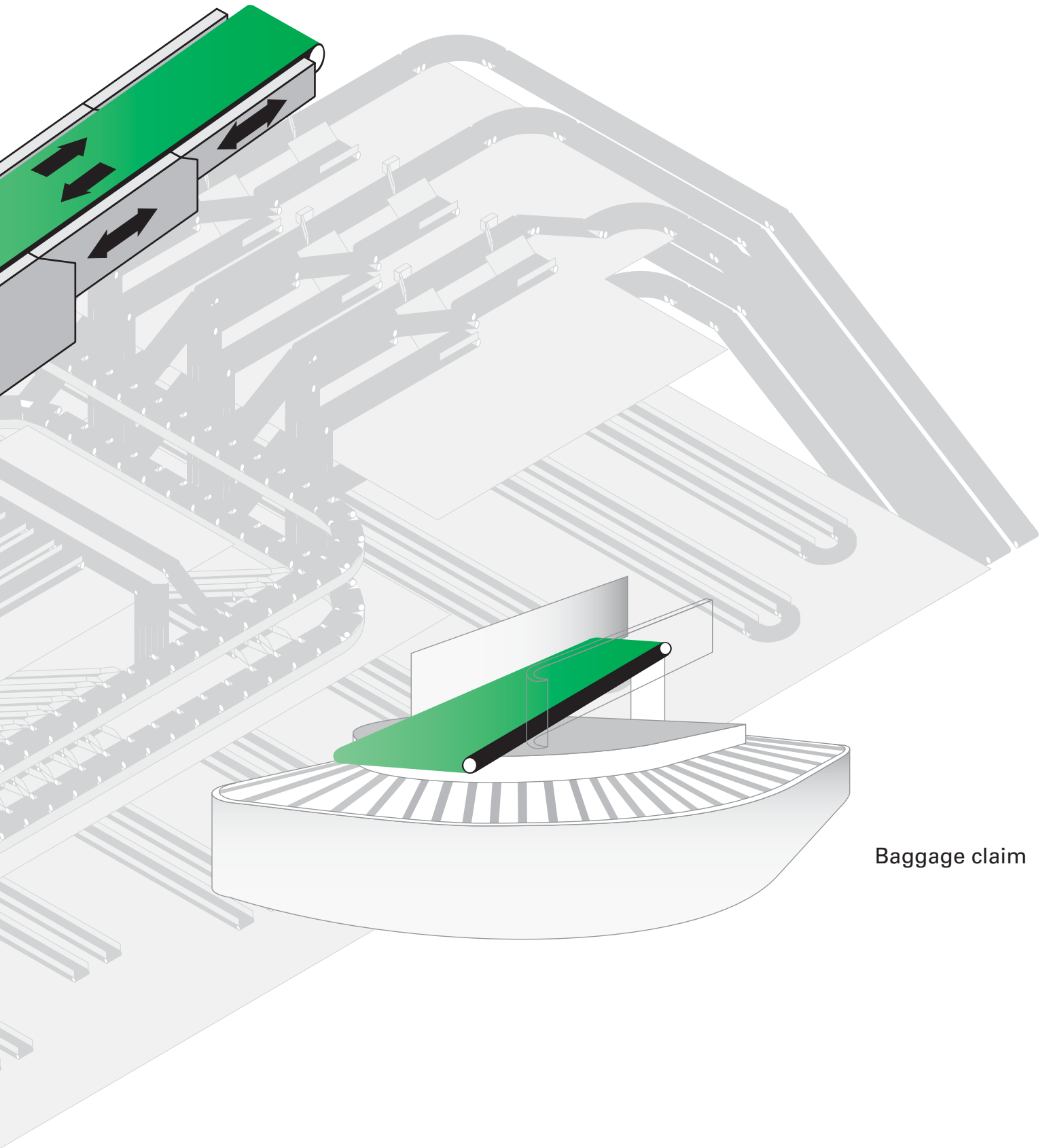
References

Habasit belts are currently running at the following airlines / airports:

- USAir, Pittsburgh, USA
- Continental Airline, Newark (New York) and Houston, USA
- San Francisco International Airport, USA
- Rome Airport, Italy
- Athens Airport, Greece
- Incheon Airport, Korea
- Detroit, USA

Key Applications

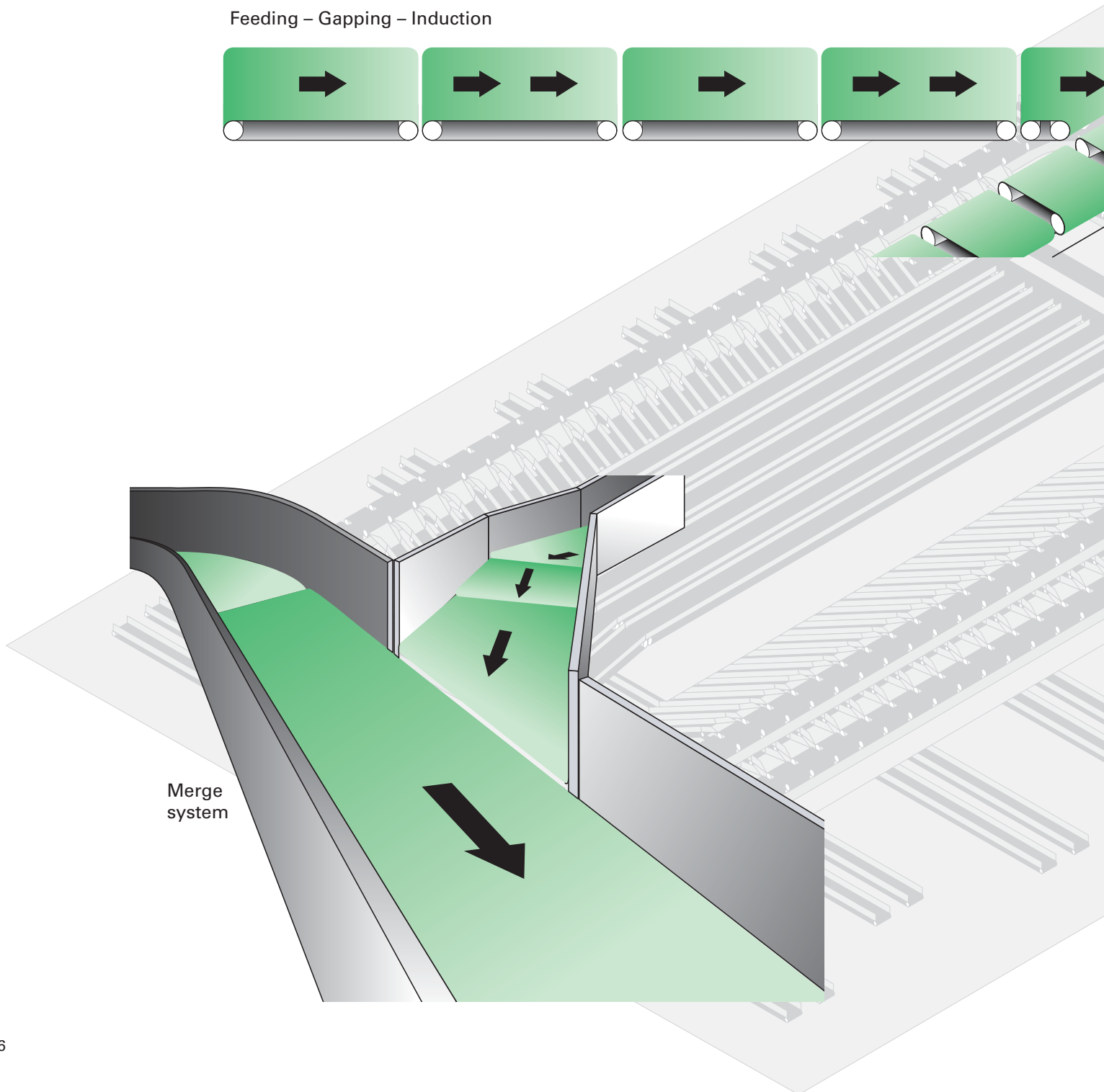


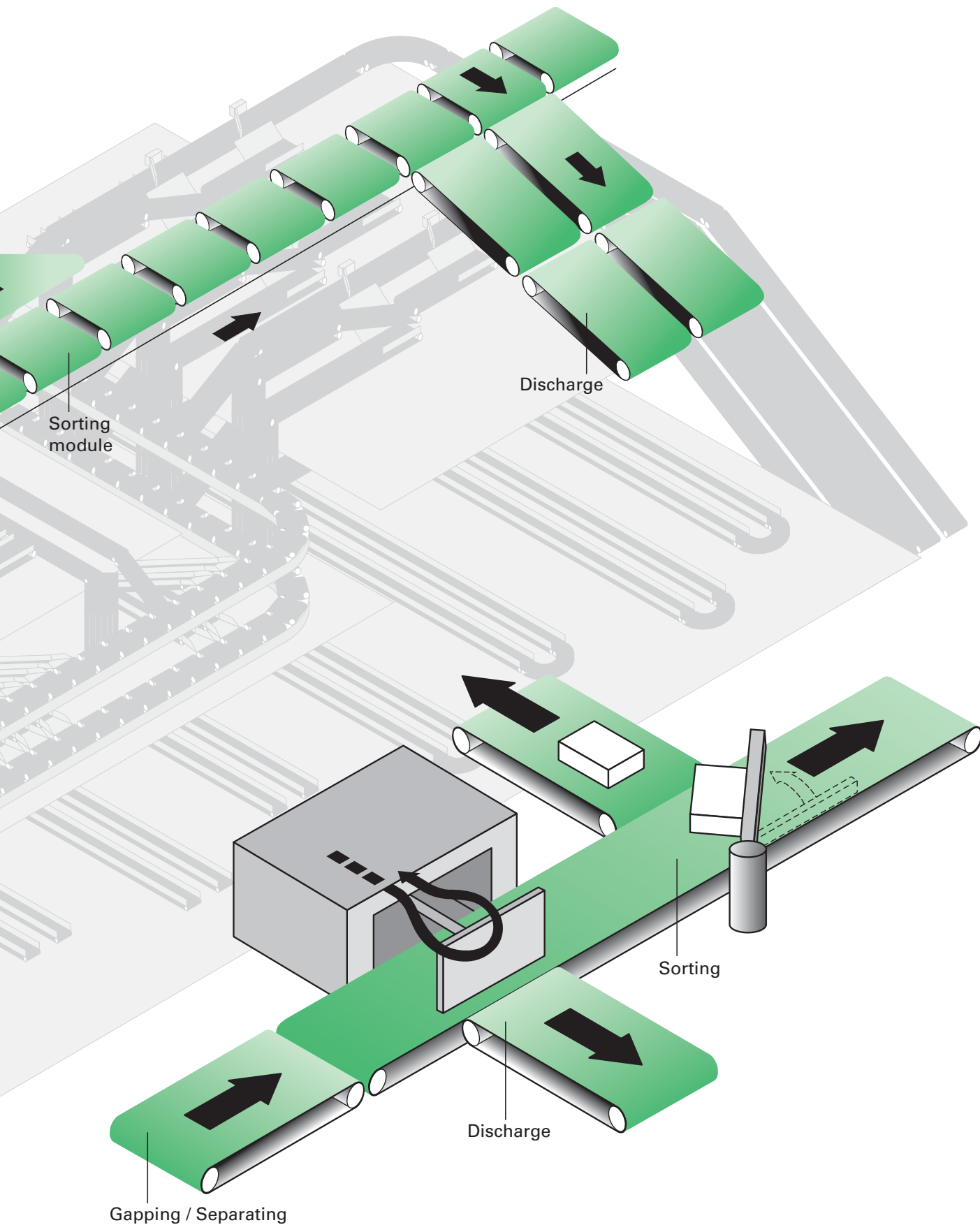


Baggage claim

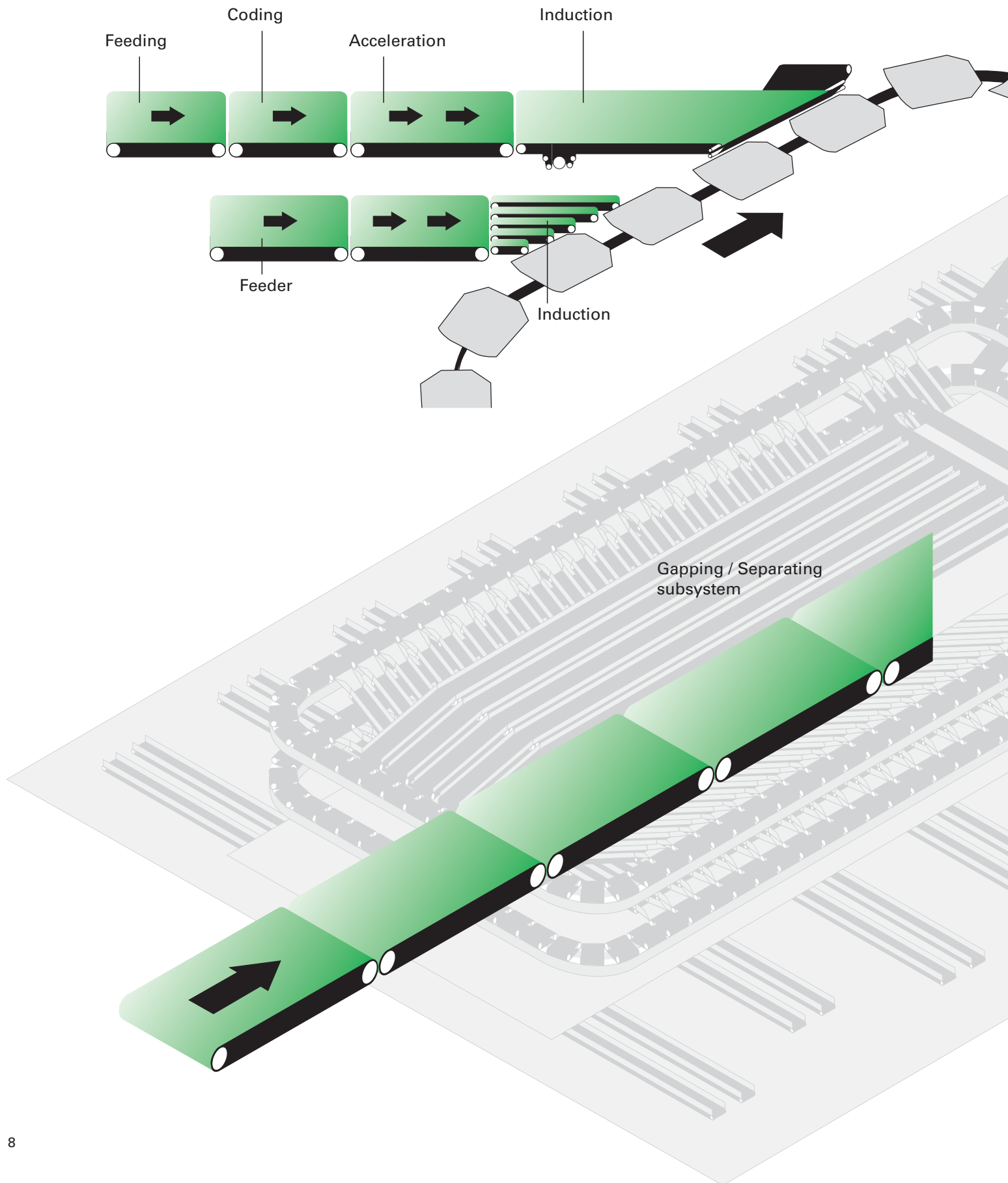
Sorting Applications

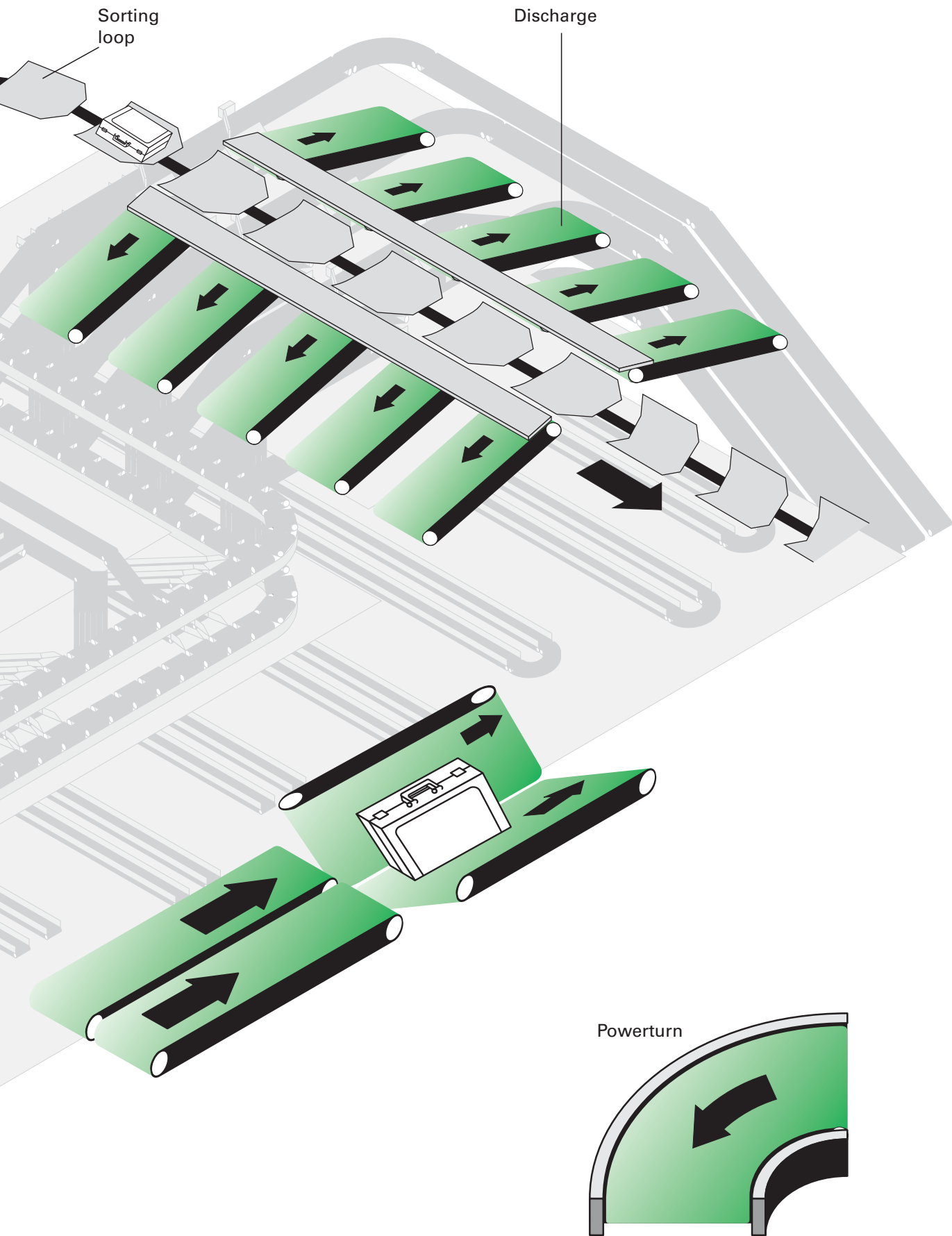
Feeding – Gapping – Induction





Sorting Applications





Features Benefits of Habasit Belts

Wide range of various surfaces and belt strengths available

- Multipurpose conveyor belt for various applications
- The right conveyor belt for a specific application

Abrasion and wear resistant

- Long service life
- Positive and constant flow

Flame retardant belts available

- No spreading of fire to other buildings
- Increased safety for people, buildings, machinery, and installations
- Less hazardous for the environment

Permanently antistatic

- No dust buildup
- No interference with electronic controls

Simple, quick joining system

- Belt can be joined directly on the equipment

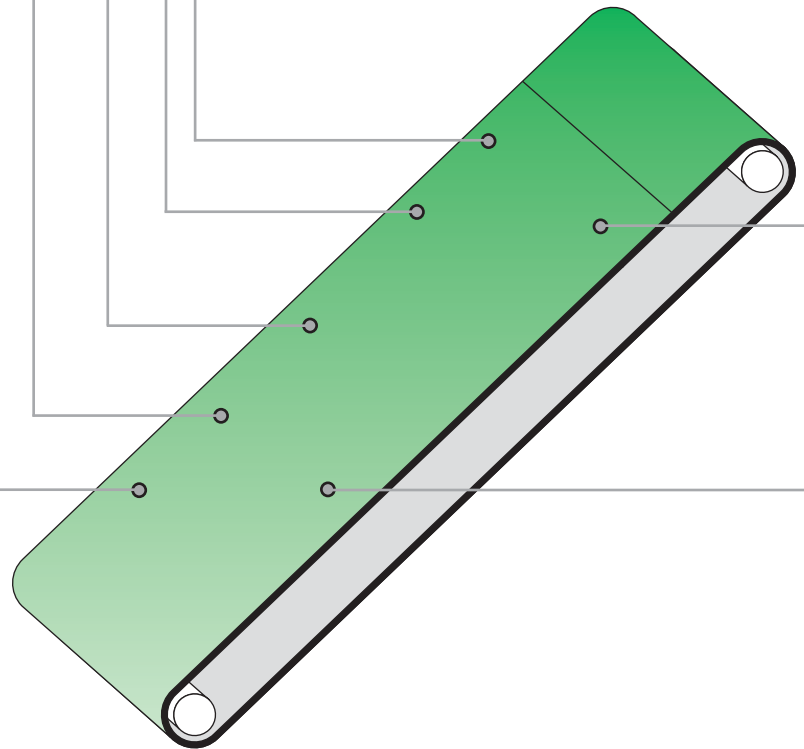
Joining methods



Flexproof



Mechanical



Airport Application Guide

	TRACKMATE			ULTI-MATE			ALLVEYOR						N-LINE			RUBBER											
	TM447-B	TMIPH135LR	TMIPH529FBS	TMIPH533EMB	TMIPH633EMB	UMPH140BWPT	UMSPH150FXG	UMSPH150LR	APH120COS	APH120FBS	APH120LR	APH120RT	APH150HTS	APH150LR	APH150MRT	APH150RT	2PN120/GP SE	NNT-10ESBU	NSL-10ESBV	RPH2-160TXB-FR	RPH2-160TXB-FR	RPH3-135BxB-FR	RPH3-200BxB-FR	RPH3-200TXB-FR	RPH3-265BxB-FR	RPH3-265TXB-FR	
TICKET COUNTER																											
Check-in stand																											
Collection (public view)			•	•	•		•				•							•			•						
GENERAL TRANSPORT																											
Belt System			•	•	•		•		•	•		•									•	•	•	•	•	•	•
INCLINE/DECLINE																											
<7 degrees	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•			•	•						•
7-18 degrees	•	•		•			•			•	•						•	•		•	•						
>18 degrees		•					•			•							•		•								
POWERTURNS																											
Belt Curves			•	•	•	•	•	•													•	•					
Spirals	•	•		•	•	•					•				•						•	•					
INDUCTION																											
Queue Belts	•	•														•			•								
Metering (acceleration)	•	•					•									•			•								
Infeed-straight	•	•		•						•						•			•								
45 degree Multistrand	•	•		•			•			•					•				•								
45 degree Single Belt	•	•		•		•										•											
MERGING																											
Wide Belt Merge																		•									
Narrow Merges (<72")			•				•											•									
DIVERTING																											
Belt Diverter - Diverting Belt	•	•		•			•			•		•		•		•	•		•		•		•		•		•
Belt Diverter - Bottom Belt			•			•					•						•									•	

Low noise belt designs available

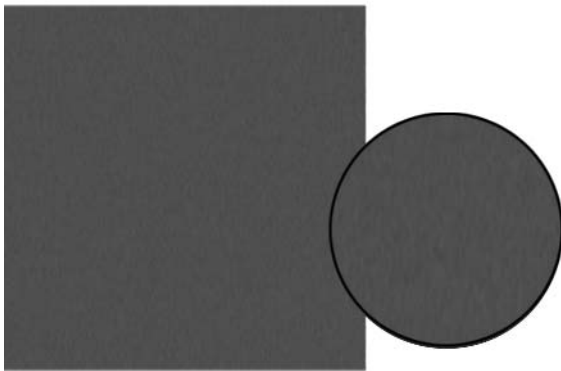
- Substantially reduced noise on slider bed
- Pleasant working environment

Special powerturn design

- Perfect wrapping around tapered pulleys
- Soft adaption to/around crowned cylinders/pulleys of powerturn conveyor installations

Various Belt Surfaces

Smooth Surface

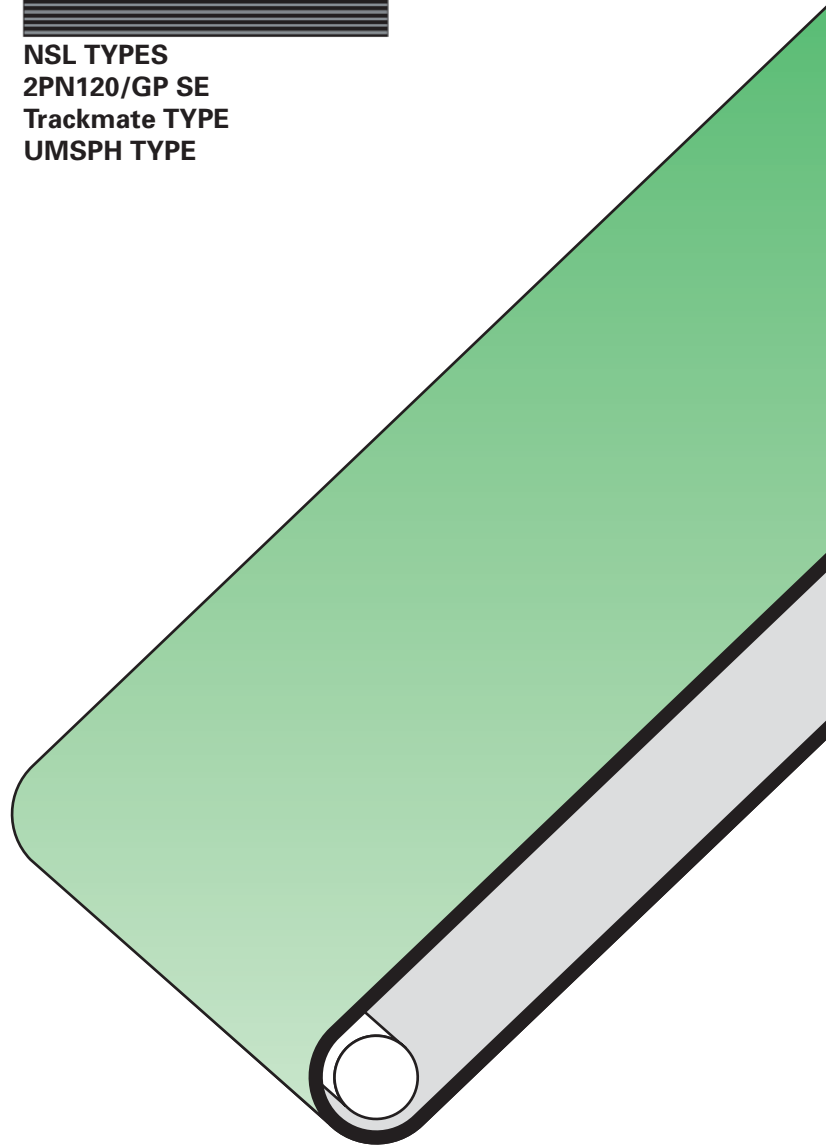


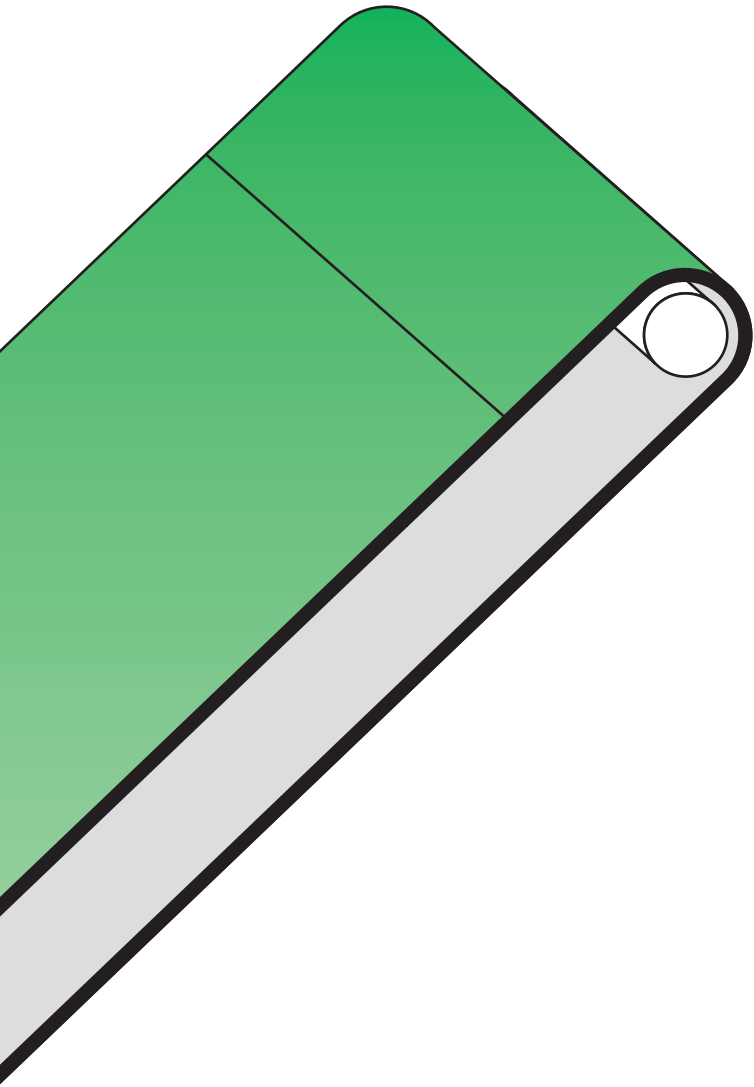
Trackmate TYPES
APH TYPES

Longitudinal Ribbed (Grooved)

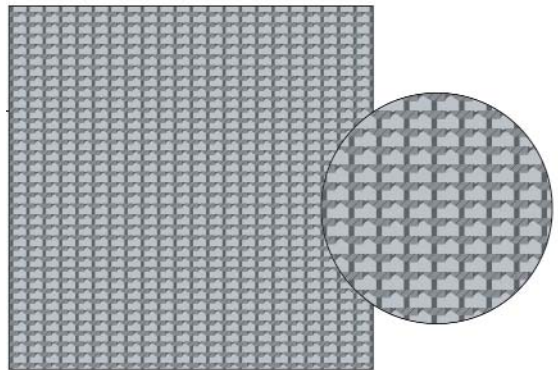


NSL TYPES
2PN120/GP SE
Trackmate TYPE
UMSPH TYPE



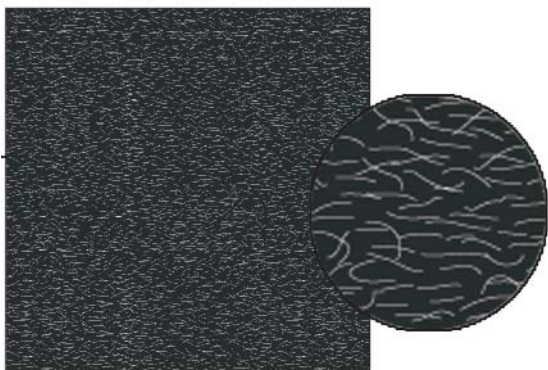


Roughtop Styles



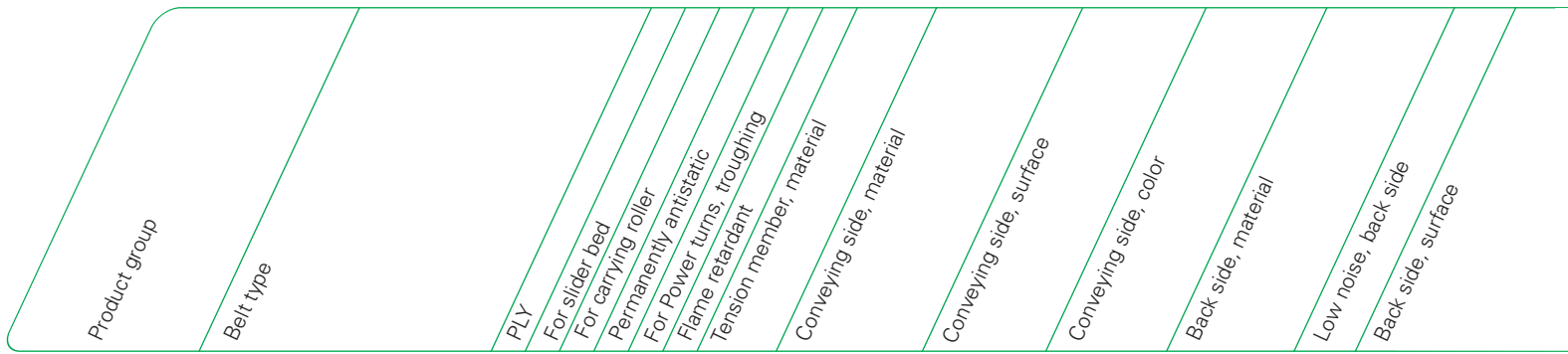
Trackmate - Roughtop
APH - Roughtop

Non-woven Types



Ulti-Mate types
Trackmate types

AIRPORT



Product group	Belt type	PLY	For slider bed	For carrying roller	Permanently antistatic	For Power turns	Flame retardant	Tension member	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Low noise, back side	Back side, surface
N-Line	NNT-10ESBU	2	■	■	■	-	■	PET	PUR	impregnated	black	PET	■	fabric
	NSL-10ESBV	2	■	■	■	-	■	PET	PVC	long. groove	black	PET	■	fabric
Habasit UK	2PN120/GP SE	2	■	■	■	■	■	PET	PVC	long. groove	black	PET	-	fabric
Allveyor	APH120COS	-	■	■	-	-	■	PET	PVC	smooth	black	PVC	-	brushed
	APH120FBS	-	■	■	-	-	■	PET	PVC	impregnated	black	PVC	-	brushed
	APH120LR	-	■	■	-	-	■	PET	PVC	long. groove	black	PVC	-	brushed
	APH120RT	-	■	■	-	-	■	PET	PVC	rougtop	black	PVC	-	brushed
	APH150HTS	-	■	■	-	-	■	PET	PVC	brushed	black	PVC	-	brushed
	APH150LR	-	■	■	-	-	■	PET	PVC	long. groove	black	PVC	-	brushed
	APH150MRT	-	■	■	-	-	■	PET	PVC	tyler wire	black	PVC	-	brushed
	APH150RT	-	■	■	-	-	■	PET	PVC	rougtop	black	PVC	-	brushed
Trackmate	TM447-B	-	■	■	-	■	■	PET	PVC	rougtop	black	PVC	■	impreg.
	TMIPH135LR	-	■	■	■	■	■	PET	PVC	long. groove	black	PVC	■	impreg.
	TMIPH529FBS	-	■	■	-	■	■	PET	PVC	impregnated	black	PVC	■	impreg.
	TMIPH533EMB	-	■	■	-	■	■	PET	PVC	embossed	black	PVC	■	impreg.
	TMIPH633EMB	-	■	■	■	■	■	PET	PVC	embossed	black	PVC	■	impreg.
Ulti-Mate	UMPH140BWPT	-	■	-	■	■	■	PET	PUR	embossed	black	PET	■	impreg.
	UMSPH150FXG	-	■	■	■	■	■	PET	NEO	impregnated	black	SBR	■	impreg.
	UMSPH150LR	-	■	■	■	■	■	PET	PVC	long. groove	black	SBR	■	impreg.
Rubber	RPH2-160TXB-FR	2	■	■	■	■	■	PET	NEOPRENE	fine textile	black	RFL	-	impreg.
	RPH2-160RTXB-FR	2	■	■	■	■	■	PET	NEOPRENE	rougtop	black	RFL	-	impreg.
	RPH3-135BXB-FR	3	■	■	■	-	■	PET	RFL	impregnated	black	RFL	-	impreg.
	RPH3-200BXB-FR	3	■	■	■	-	■	PET	RFL	impregnated	black	RFL	■	impreg.
	RPH3-200TXB-FR	3	■	■	■	-	■	PET	NEOPRENE	fine textile	black	RFL	■	impreg.
	RPH3-265BXB-FR	3	■	■	■	-	■	PET	RFL	impregnated	black	RFL	■	impreg.
	RPH3-265TXB-FR	3	■	■	■	■	■	PET	NEOPRENE	fine textile	black	RFL	■	impreg.

	Class of chemical resistance	Joining	Thickness [in.]	Mass of belt per square foot (belt weight) m _b [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1 [lbs./in.]	* Nominal Peripheral Force Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F]	Maximum Temperature [°F]	Maximum Intermittent [°F]	Coefficient of friction μ of back side on steel	Manufacturing width [in.]	Clipper	Alligator	Belt type
3	F,L	0.12	0.72	1.6	57	57	14	176	212	0.15	118	36	-		NNT-10ESBU
3	F,L	0.09	0.51	1.6	57	57	14	176	212	0.15	118	36LL	-		NSL-10ESBV
3	F,L	0.12	0.72	2.4	57	91	14	158	212	0.15	59	UX1SP	-		2PN120/GP SE
3	L,F,T	0.135	0.92	2.5	150*	-	-10	180	180	-	72	-	-		APH120COS
3	L,F,T	0.150	0.59	3.1	150*	-	-10	180	180	-	72	2HT	27		APH120FBS
3	L,F,T	0.155	0.90	3.0	120*	-	0	180	180	-	72	2HT	-		AP120LR
3	L,F	0.260	0.90	3.0	150*	-	0	180	180	-	72	2HT	125		APH120RT
3	L,F,T	0.195	0.90	4.0	175*	-	-10	180	180	-	72	3HT	25		APH150HTS
3	L,F,T	0.165	0.86	3.5	150*	-	0	180	180	-	72	2HT	-		APH150LR
3	L	0.156	0.92	3.5	150*	-	0	180	180	-	72	2HT	-		APH150MRT
3	L	0.275	1.08	3.5	150*	-	-10	180	180	-	72	2HT	15		APH150RT
3	L,F	0.255	1.14	3.0	52	180	-10	158	180	0.25	72	2	125		
3	L,F,T	0.173	0.88	3.0	69	180	-10	180	180	0.25	72	2HT	125		TM447-B
3	L,F	0.125	0.76	3.0	69	180	-10	230	180	0.25	72	2HT	125		TMIPH135LR
3	L,F	0.125	0.76	3.1	69	180	-10	176	180	0.25	72	2HT	125		TMIPH529FBS
3	L,F	0.150	0.96	2.0	-	180	-10	194	180	0.25	72	2HT	125		TMIPH533EMB TMIPH633EMB
5	L,T	0.110	0.50	2.0	-	-	10	176	180	-	79	1HT	-		UMPH140BWPT
3	L,F	0.180	0.0	3.5	150*	150	-10	250	180	0.30	72	3HT	25		UMSPH150FXG
3	L,F	0.205	0.0	3.5	-	150	-10	176	180	0.30	72	3HT	25		UMSPH150LR
#	L	0.140	0.82	4.0	160	-	-20	180	180	-	72	2HT	15		RPH2-160TXB-FR
#	L	0.250	1.11	3.0	160	-	-20	180	180	-	72	4	27		RPH2-160RTXB-FR
#	L	0.145	0.85	3.5	135	-	-20	180	180	-	78	3HT	15		RPH3-135BXB-FR
#	L	0.145	0.85	3.5	200	-	-20	180	180	-	78	3HT	15		RPH3-200BXB-FR
#	L	0.180	1.10	3.5	200	-	-20	180	180	-	78	3HT	20		RPH3-200TXB-FR
#	L	0.185	1.10	8.0	265	-	-20	180	180	-	78	5	20		RPH3-265BXB-FR
#	L	0.200	1.30	8.0	265	-	-20	180	180	-	78	4	25		RPH3-265TXB-FR

Explanations

- = applicable
- = not applicable

drk. grn = dark green
 drk grey = dark grey
 EPDM sadh. = ethylene propylene terpolymer super adhesive

impreg. = impregnated
 NBR = acrylo-nitrile-butadiene rubber

PES = polyester
 PUR = polyurethane, cross-linked

PVC = polyvinylchloride
 PVC adh. = polyvinyl chloride adhesive

PVC s-adh. = polyvinylchloride super adhesive

TPU = polyurethane, thermo-plastic
 trans. = transparent

Flame retardant
 A = Available

Joining
 T = Thermofix
 F = Flexproof
 L = Laced

Clipper/Alligator
 X = UCM 36 XSP
 Y = UCM 36 SP
 Z = UCM 36

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

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